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Magnetic forming sealing material for cars - contains thermoplastic resin, pressure sensitive adhesive, filler and oil component, adhering and crosslinking agent and magnetic substance
Patent Assignee: NIPPON TOKUSHU TORYO CO LTD

Patent Family

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JP 3037481	A	19910218	JP 89169792	A	19890703	199113	B

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Abstract:

JP 3037481 A

Material contains a thermoplastic resin, a pressure sensitive adhesive component, a filler component, an oil component, an adhering providing agent, a crosslinking agent, and a magnetic substance. The sealing material is formed by kneading, extrusion, seating, and trimming, and has a magnetic flux density of at least 30 Gauss.

Pref. the thermoplastic resin comprises; polyethylene, polypropylene, polystyrene, polyvinyl chloride, polyvinyl acetate, polymethyl methacrylate, polyamide, polyester, ethylene butadiene rubber, butadiene rubber, or ABS resin. The pressure sensitive adhesive comprises; liq. rubber including polybutadiene, coumarone resin, or petroleum resin. The filler comprises; a pigment including calcium carbonate, barium sulphate, talc, mica, clay, titanium dioxide, or quicklime. The oil comprises; turpentine oil, naphthene-based oil, or paraffin-based oil. The adhering providing agent comprises; polyurethane resin, epoxy resin, or polyamide resin. The crosslinking agent comprises; organic peroxide, or S. The magnetic substance comprises; barium-ferrite, or strontium-ferrite.

USE/ADVANTAGE - The magnetic forming sealing material is used for sealing the joint of steel sheets of an automobile. The use of the sealing material assures joint of the edge section, long steel sheets, wide steel sheets. The resulting steel sheets have good appearance. No painting pump and no painting gun are required, reducing costs.

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